

2661 #3  
12/26/02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 085-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/065,494
	Filing Date	10/24/2002
	First Named Inventor	Gary L. Sugar
	Group Art Unit	2661
	Examiner Name	DEC 18 2002
Total Number of Pages in This Submission	Attorney Docket Number	Cognio8US Technology Center 2600

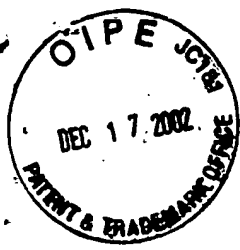
ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	PTO-1449, 3 refs., post card
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	D. Andrew Floam
Signature	<i>D. Andrew Floam</i>
Date	December 13, 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 12/13/2002			
Typed or printed name	D. Andrew Floam		
Signature	<i>D. Andrew Floam</i>	Date	December 13, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Appln. of

Inventor(s): Sugar et al.

Group Art Unit: 2661

Application No.: 10/065,494

Confirmation No.: 9073

Filing Date: October 24, 2002

Attorney Docket No.: Cognio8US

Title: **IMPROVING THROUGHPUT IN MULTI-RATE WIRELESS NETWORKS USING VARIABLE-LENGTH PACKETS AND OTHER TECHNIQUES**

**INFORMATION DISCLOSURE STATEMENT**

**RECEIVED**

**DEC 18 2002**

Commissioner for Patents  
Washington, DC 20231

Technology Center 2600

Dear Sirs:

This is an Information Disclosure Statement to be entered in the above-identified application. It is being filed before the undersign's knowledge of the mailing of the first Office Action on the merits. Thus, no fee is believed due.

Attached is a form PTO-1449, together with copies of the cited references. The Examiner's consideration of the references is respectfully requested.

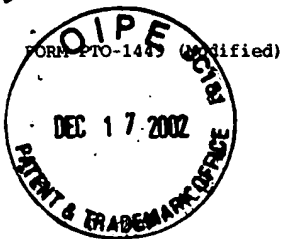
Respectfully submitted,

D. Andrew Floam

Reg. No. 34,597

Cognio, Inc.  
101 Orchard Ridge Drive, Suite 350  
Gaithersburg, Maryland 20878  
Phone: 301-944-1447  
Fax: 240-631-1943

Date: December 13, 2002

**COGNIO, INC.**101 ORCHARD RIDGE DRIVE, SUITE 350  
GAITHERSBURG, MARYLAND 20878

## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: Cognio8US  
SERIAL NO.: 10/065,494  
APPLICANT(S): Sugar et al.GROUP ART UNIT: 2661  
FILING DATE: October 24, 2002  
TODAY'S DATE: December 13, 2002

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE If Appropriate
	AA	6118788	9/12/2000	Kermani et al.	370	461
	AB					
	AC					
	AD					
	AE					

**RECEIVED****DEC 18 2002**

Technology Center 2600

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR Satapathy et al., "Spectrum Sharing Without Licenses:  
Opportunities and Dangers," Proceedings of the Telecommunications Policy  
Research Conference (TPRC), 1996, pp. 1-19.AS Vaduvur Bharghavan, "Performance Evaluation of Algorithms for  
Wireless Medium Access," IEEE International Computer Performance and  
Dependability Symposium IPDS'98, 1998, pp.142-149.

AT \_\_\_\_\_

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)